Amendments to the claims:

This listing of claims will replace all prior versions and listing of claims in the application:

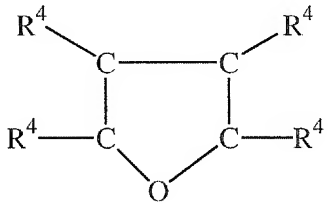
LISTING OF CLAIMS

1. (currently amended) A urea/urethane polymer ~~comprising~~ consisting essentially of (a) repeating units derived from a hydroxy-terminated copolymer prepared from tetrahydrofuran and one or both of an alkylene oxide and a cyclic acetal, and (b) repeating units derived from a polyisocyanate;

wherein the urea/urethane polymer contains less than about 2 mole percent of urea units described by the formula –R – $N(R^2)$ – C(O) – $N(R^2)$ –R^1 – ;

wherein R is an aromatic hydrocarbon radical, R^1 is an aliphatic hydrocarbon radical, and R^2 is H or an amide group that is described by the formula - C(O) - $N(R^2)$ – R -; and

wherein the tetrahydrofuran is described by the formula



in which any one of the R^4s is a C_1 to C_4 alkyl radical or hydrogen with the remaining R^4s being hydrogen;

wherein the urea/urethane polymer comprises repeating units derived from an ionic compound or a potentially ionic compound;

wherein the polymer ~~is substantially free of~~ omits polyamine chain extenders; and

wherein said polyisocyanate ~~comprises~~ is selected from the group consisting of ~~an~~ aromatic polyisocyanates and mixtures thereof.

2. (original) A urea/urethane polymer according to Claim 1 wherein the polyisocyanate is selected from the group consisting of toluene diisocyanate, methylene diphenyldiisocyanate and polymethylene polyphenylisocyanate.

3. (original) A urea/urethane polymer according to Claim 1 wherein the alkylene oxide is selected from the group consisting of 1,2-propylene oxide and ethylene oxide.

4. (original) A urea/urethane polymer according to Claim 1 wherein the alkylene oxide is ethylene oxide.

5. (original) A urea/urethane polymer according to Claim 1 wherein each R^4 in the tetrahydrofuran is hydrogen.

6. (original) A urea/urethane polymer according to Claim 1 wherein each R^4 in the tetrahydrofuran is hydrogen, the hydroxy-terminated copolymer is prepared from an alkylene oxide, and the alkylene oxide is ethylene oxide.

7. (original) A urea/urethane polymer according to Claim 1 wherein the urea/urethane polymer contains less than about 1 mole percent of the described urea units.

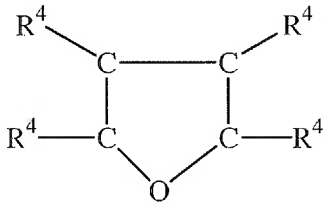
8. (canceled)

9. (currently amended) An aqueous dispersion of a urea/urethane polymer ~~wherein the urea/urethane polymer comprises a polymer according to Claim 1~~ and a surfactant; wherein the urea/urethane polymer consists essentially of (a) repeating units derived from a hydroxy-terminated copolymer prepared from tetrahydrofuran and one or both of an alkylene oxide and a cyclic acetal, and (b) repeating units derived from a polyisocyanate;

wherein the urea/urethane polymer contains less than about 2 mole percent of urea units described by the formula –R -- $N(R^2)$ – C(O) – $N(R^2)$ –R^1 – ;

wherein R is an aromatic hydrocarbon radical, R^1 is an aliphatic hydrocarbon radical, and R^2 is H or an amide group that is described by the formula - C(O) - $N(R^2)$ – R -; and

wherein the tetrahydrofuran is described by the formula



in which any one of the R^4s is a C_1 to C_4 alkyl radical or hydrogen with the remaining R^4s being hydrogen;

wherein the urea/urethane polymer comprises repeating units derived from an ionic compound or a potentially ionic compound;

wherein the polymer omits polyamine chain extenders; and

wherein said polyisocyanate is selected from the group consisting of aromatic polyisocyanates and mixtures thereof.

10. (currently amended) An ionomeric urea/urethane polymer ~~comprising~~ consisting essentially of (a) repeating units derived from an aliphatic polyether polyol having a molecular weight of about 700 to about 1500, and (b) repeating units derived from a polyisocyanate,

wherein the urea/urethane polymer contains less than about 2 mole percent of urea units described by the formula $-R-N(R^2)-C(O)-N(R^2)-R^1-$;

wherein R is an aromatic $C_6 - C_{20}$ hydrocarbon radical, R^1 is an aliphatic $C_1 - C_{20}$ hydrocarbon radical, and R^2 is H or an amide group that is described by the formula $-C(O)-N(R^2)-R-$;

wherein the urea/urethane polymer comprises repeating units derived from an ionic compound or a potentially ionic compound;

wherein the polymer ~~is substantially free of~~ omits polyamine chain extenders; and

wherein said polyisocyanate ~~comprises~~ is selected from the group consisting of ~~an~~ aromatic polyisocyanates and mixtures thereof.

11. (canceled)

12. (previously presented) A urea/urethane polymer according to Claim 10 wherein the ionic compound or potentially ionic compound comprises a hydroxy-carboxylic acid of the general formula $(HO)_xR^7(COOH)_y$, wherein R^7 represents a straight or branched hydrocarbon radical containing 1 to 12 carbon atoms, and x and y each independently represents values from 1 to 3.

13. (previously presented) A urea/urethane polymer according to Claim 10 wherein the ionic compound or potentially ionic compound comprises 2,2' dimethanolpropionic acid.

14. (original) A urea/urethane polymer according to Claim 10 wherein the polyisocyanate is selected from the group consisting of toluene diisocyanate, methylene diphenyldiisocyanate and polymethylene polyphenylisocyanate.

15. (canceled)

16. (canceled)

17. (original) A urea/urethane polymer according to Claim 10 wherein the polyether polyol has a molecular weight in the range of about 900 to about 1150.

18. (original) A urea/urethane polymer according to Claim 10 wherein the urea/urethane polymer contains less than about 1 mole percent of the described urea units.

19. (currently amended) An aqueous dispersion of a ionomeric urea/urethane polymer ~~wherein the urea/urethane polymer comprises a polymer according to Claim 10~~ and a surfactant; wherein the ionomeric urea/urethane polymer consists essentially of (a) repeating units derived from an aliphatic polyether polyol having a molecular weight of about 700 to about 1500, and (b) repeating units derived from a polyisocyanate,

wherein the urea/urethane polymer contains less than about 2 mole percent of urea units described by the formula –R – N(R^2) – C(O) – N(R^2) –R^1 -;

wherein R is an aromatic C_6 – C_{20} hydrocarbon radical, R^1 is an aliphatic C_1 – C_{20} hydrocarbon radical, and R^2 is H or an amide group that is described by the formula - C(O) - N(R^2) – R -;

wherein the urea/urethane polymer comprises repeating units derived from an ionic compound or a potentially ionic compound;

wherein the polymer omits polyamine chain extenders; and

wherein said polyisocyanate is selected from the group consisting of aromatic polyisocyanates and mixtures thereof.

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